Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 06 Jul 2021 until 23:59 on Wednesday 07 Jul 2021

Forecast Issued on Monday 05 Jul 2021 at 16:10

Confidence: High in overall unsettled set-up, moderate confidence in timings of poor weather on Tuesday.

Headline for Tuesday 06 Jul 2021: A low pressure system moves northwards bringing widespread rain and low cloud for much of the day.

Mountain weather hazards on Tuesday 06 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain	Cloudy
Precipitation probability							
60%	70%	70%	70%	50%	40%	40%	30%

Forecast for Tuesday 06 Jul 2021

Weather: A band of heavy rain moves northwards in the early hours, with patchy low cloud forming across the park towards dawn. Heavy rain is expected to continue through much of the day, easing to light rain at times during the afternoon. The low cloud is expected to persist throughout the morning, but into the afternoon the wind will increase to a strong westerly and the cloud will gradually lift above the summits but remain overcast.

Chance of cloud free mountain/hill tops above 600m: 30% during the morning. Improving to 60% in the afternoon

Visibility: Widespread very poor visibilities at first, cloud base 300m, improving to good in the afternoon but deteriorating to moderate in any showers.

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Mountain Weather Forecast

Forecast for Tuesday 06 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/15 E	10/15 NE	10/16 NE	10/14 N	14/19 NW	17/25 W	17/25 W	13/19 SW	10/15 SW
300	5/13 E	6/14 NE	8/16 NE	8/13 NW	10/18 W	13/24 W	12/24 W	8/16 SW	6/12 SW
Valley	6/13 E	6/13 NE	8/18 NE	6/13 NW	9/18 W	11/23 W	9/20 W	5/13 SW	5/11 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/7	9/7	10/8	10/8	10/7	10/7	10/7	10/7
300	12/12	12/11	12/10	12/11	13/11	13/11	12/10	12/10	11/10
Valley	14/13	13/12	13/11	13/12	14/13	14/12	14/12	13/12	12/12
Freezing Level*	2100m	2100m	2200m	2200m	2200m	2200m	2200m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Treacherous conditions during the morning, slippery underfoot in heavy rain and very poor visibilities across the summits. Improving slightly during the afternoon with better visibilities on the summits, particularly in the south of the park.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 05 Jul 2021	0.4mm	0.8mm	7.2mm

Forecast for Wednesday 07 Jul 2021

Weather: Showers at times overnight with low cloud across the park to start the day. Cloud will steadily lift and break during the morning, with frequent sunny spells during the afternoon. Showers are likely to continue through much of the day, heavy at times in the morning but easing by late afternoon. Dry and sunny during the evening, but low cloud returning again overnight.

Maximum wind: South-westerly becoming westerly 15mph gusting 25-30 mph.

Chance of cloud free mountain/hill tops above 600m: 50% steadily improving to 90%

Visibility: Moderate to poor in the morning with cloud bases 400-500m. Generally good during the afternoon

Temperature: **Valleys:** PS 09 increasing to PS 17
At 600m: PS 12
Freezing level: Above summits

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